

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	279	(fingerprint\$3 near10(read\$3 or detect\$4 or scan\$4))same(discharg\$3 or bleed\$3 or ground\$3 or remov\$6) same(cover\$3 or door\$2 or switch\$3 or knob\$2 or key\$1 or button\$4 or hand\$3)	US-PGPUB; USPAT	OR	ON	2006/06/07 14:23
L2	1025	(fingerprint\$3 near10(read\$3 or detect\$4 or scan\$4 captur\$4))same(discharg\$3 or bleed\$3 or ground\$3 or remov\$6)	US-PGPUB; USPAT	OR	ON	2006/06/07 14:22
L3	205	2 same(electro\$6 or static\$3 or ESD\$2 or EMI\$2)	US-PGPUB; USPAT	OR	ON	2006/06/07 14:22
L4	37	3 same(finger\$3 or preson\$3 or user\$3 or operator\$2 or viewer\$3) near10(access\$3 or open\$4 or touch\$3 or push\$3)	US-PGPUB; USPAT	OR	ON	2006/06/07 14:28
L5	1789	(fingerprint\$3)same(read\$3 or detect\$4 or scan\$4 captur\$4)same(discharg\$3 or bleed\$3 or ground\$3 or remov\$6)	US-PGPUB; USPAT	OR	ON	2006/06/07 14:22
L6	319	5 same(electro\$6 or static\$3 or ESD\$2 or EMI\$2)	US-PGPUB; USPAT	OR	ON	2006/06/07 14:22
L7	46	6 same(finger\$3 or preson\$3 or user\$3 or operator\$2 or viewer\$3) near10(access\$3 or open\$4 or touch\$3 or push\$3)	US-PGPUB; USPAT	OR	ON	2006/06/07 14:24
L8	114	6 same(cover\$3 or door\$2 or switch\$3 or knob\$2 or key\$1 or button\$4 or hand\$3)	US-PGPUB; USPAT	OR	ON	2006/06/07 14:23
L9	23	8 same(finger\$3 or preson\$3 or user\$3 or operator\$2 or viewer\$3) near10(access\$3 or open\$4 or touch\$3 or push\$3)	US-PGPUB; USPAT	OR	ON	2006/06/07 14:24
L10	1	"6278887".PN.	USPAT; USOCR	OR	ON	2006/06/07 14:26
L11	1	"6181254".PN.	USPAT; USOCR	OR	ON	2006/06/07 14:27
L12	1	"6164403".PN.	USPAT; USOCR	OR	ON	2006/06/07 14:27
L13	1	"6164540".PN.	USPAT; USOCR	OR	ON	2006/06/07 14:29
L14	1	"5978495".PN.	USPAT; USOCR	OR	ON	2006/06/07 14:29

## EAST Search History

L15	1	"6164540".PN.	USPAT; USOCR	OR	ON	2006/06/07 14:49
L16	1	"5978495".PN.	USPAT; USOCR	OR	ON	2006/06/07 14:50
L17	1	"6164540".PN.	USPAT; USOCR	OR	ON	2006/06/07 15:16
L18	1	"6002786".PN.	USPAT; USOCR	OR	ON	2006/06/07 15:20



Search Result - Print Format

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**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEE CNF = IEE Conference, IEEE STD = IEEE Standard

**1. Enhancing partial discharge measurement with extended resolution analyser**

Senthil Kumar, S.; Narayananchar, M.N.; Nema, R.S.;  
High Voltage Engineering, 1999. Eleventh International Symposium on (Conf. Publ. No. 467)  
Volume 5, 23-27 Aug. 1999 Page(s):200 - 203 vol.5  
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**2. A single-chip fingerprint sensor and identifier**

Shigematsu, S.; Morimura, H.; Tanabe, Y.; Adachi, T.; Machida, K.;  
Solid-State Circuits, IEEE Journal of  
Volume 34, Issue 12, Dec. 1999 Page(s):1852 - 1859  
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**3. Experimental and simulation study of spherically convergent beam fusion**

Takeuchi, Y.; Yamauchi, K.; Ogino, Y.; Watanabe, M.; Okino, A.; Kwang-Cheol Ko; Hotta, E.;  
Plasma Science, 1999. ICOPS '99. IEEE Conference Record - Abstracts. 1999 IEEE International Conference on  
20-24 June 1999 Page(s):268  
IEEE CNF

**4. Condition based maintenance of MV power cable systems on the basis of advanced PD diagnostics**

Wester, F.J.; Gulski, E.; Smit, J.J.;  
Electricity Distribution, 2001. Part 1: Contributions. CIRED. 16th International Conference and Exhibition on (IEE Conf. Publ. No. 482)  
Volume 1, 18-21 June 2001 Page(s):5 pp. vol.1  
IEEE CNF

**5. Extraction of PD fingerprints using correlation learning**

Chang, C.; Su, Q.;  
Advances in Power System Control, Operation and Management, 2000. APSCOM-00. 2000 International Conference on  
Volume 2, 30 Oct.-1 Nov. 2000 Page(s):300 - 305 vol.2  
IEEE CNF

**6. A technique of detecting faulty insulator strings on ground**

Cheng Rong Li; Yang Chun Cheng;  
High Voltage Engineering, 1999. Eleventh International Symposium on (Conf. Publ. No. 467)  
Volume 4, 23-27 Aug. 1999 Page(s):135 - 138 vol.4  
IEEE CNF

**7. Development of computer-based measurements and their application to PD pattern analysis**

James, R.E.; Phung, B.T.;  
Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical Insulation, IEEE Transactions on]  
Volume 2, Issue 5, Oct. 1995 Page(s):838 - 856  
IEEE JNL

**8. Automated recognition of partial discharges**

Krvida, A.;  
Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical Insulation, IEEE Transactions on]  
Volume 2, Issue 5, Oct. 1995 Page(s):796 - 821

IEEE JNL

**9. Diagnosis of HV components by digital PD analyzer**

Gulski, E.;

Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical Insulation, IEEE Transactions on] Volume 2, Issue 4, Aug. 1995 Page(s):630 - 640

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**10. Requirements of automated PD diagnosis systems for fault identification in noisy conditions**

Hucker, T.; Krantz, H.-G.;

Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical Insulation, IEEE Transactions on] Volume 2, Issue 4, Aug. 1995 Page(s):544 - 556

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**11. Experiences with digital analysis of discharges in high voltage components**

Gulski, E.; Smit, J.J.; Brooks, R.; Turner, M.;

Electrical Insulation Magazine, IEEE

Volume 15, Issue 3, May-June 1999 Page(s):15 - 24

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**12. A novel semiconductor capacitive sensor for a single-chip fingerprint sensor/identifier LSI**

Machida, K.; Shigematsu, S.; Morimura, H.; Tanabe, Y.; Sato, N.; Shimoyama, N.; Kumazaki, T.; Kudou, K.; Yano, I; Kyuragi, H.;

Electron Devices, IEEE Transactions on

Volume 48, Issue 10, Oct. 2001 Page(s):2273 - 2278

IEEE JNL

**13. Charge generation and bleed-off in spindle motors with ceramic ball bearings**

Klaassen, K.B.; van Peppen, J.C.L.;

Magnetics, IEEE Transactions on

Volume 39, Issue 5, Sept. 2003 Page(s):2435 - 2437

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**14. A CMOS integrated capacitive fingerprint sensor with 32-bit RISC microcontroller**

Seung-Min Jung; Jin-Moon Nam; Dong-Hoon Yang; Moon-Key Lee;

Solid-State Circuits, IEEE Journal of

Volume 40, Issue 8, Aug. 2005 Page(s):1745 - 1750

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**15. What to do after the warning of an on-line insulation diagnostic system? Off-line PD monitoring with HVAC testing!**

Kubler, B.; Hauschild, W.;

Power Systems Conference and Exposition, 2004. IEEE PES

10-13 Oct. 2004 Page(s):822 - 828 vol.2

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**16. Experiences with online partial discharge diagnoses on turbogenerators**

Pascoli, G.; Kral, C.; Pirker, F.; Pokorny, N.;

Diagnostics for Electric Machines, Power Electronics and Drives, 2003. SDEMPED 2003. 4th IEEE International Symposium on

24-26 Aug. 2003 Page(s):20 - 24

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**17. Neural network based PD source classification using a combined topology of unsupervised and supervised learning algorithm**

Chang, C.; Su, Q.;

Power Engineering Society Summer Meeting, 2001. IEEE

Volume 2, 15-19 July 2001 Page(s):1293 - 1298 vol.2

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18. **Partial discharge distribution pattern analysis using combined statistical parameters**  
Chang, C.; Su, Q.;  
Power Engineering Society Winter Meeting, 2000. IEEE  
Volume 1, 23-27 Jan. 2000 Page(s):691 - 696 vol.1  
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19. **Recognition of partial discharge in stator winding models based on 3-dimensional pattern using artificial neural network**  
Zhide Yin; Kexiong Tan; Zhongdong Wang; Lei Jiang;  
Power System Technology, 1998. Proceedings. POWERCON '98. 1998 International Conference on  
Volume 2, 18-21 Aug. 1998 Page(s):1054 - 1057 vol.2  
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20. **An all solid-state high-power modulator for a ground-based radar transmitter**  
Alves, S.T.;  
Power Modulator Symposium, 1988. IEEE Conference Record of the 1988 Eighteenth  
20-22 June 1988 Page(s):196 - 201  
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21. **Vehicle fingerprinting for reacquisition & tracking in videos**  
Guo, Y.; Hsu, S.; Shan, Y.; Sawhney, H.; Rakesh Kumar;  
Computer Vision and Pattern Recognition, 2005. CVPR 2005. IEEE Computer Society Conference on  
Volume 2, 20-25 June 2005 Page(s):761 - 768 vol. 2  
IEEE CNF
22. **Assessment of an active electromagnetic sensor for hunting buried naval mines**  
Purpura, J.W.; Wynn, W.M.; Carroll, P.J.;  
OCEANS '04. MTS/IEEE TECHNO-OCEAN '04  
Volume 2, 9-12 Nov. 2004 Page(s):879 - 889 Vol.2  
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23. **An express diagnostic method for ESD simulators and standardized ESD test stations**  
Kocharyan, V.; Tolman, D.;  
Electromagnetic Compatibility, 2003 IEEE International Symposium on  
Volume 2, 18-22 Aug. 2003 Page(s):708 - 712 vol.2  
IEEE CNF
24. **Active broadband electromagnetic detection and classification of buried naval mines**  
Won, I.J.; Norton, S.; SanFilipo, B.; Kunak, F.;  
Oceans '02 MTS/IEEE  
Volume 2, 29-31 Oct. 2002 Page(s):966 - 973 vol.2  
IEEE CNF
25. **A 500 dpi capacitive-type CMOS fingerprint sensor with pixel-level adaptive image enhancement scheme**  
Kwang-Hyun Lee; Euisik Yoon;  
Solid-State Circuits Conference, 2002. Digest of Technical Papers. ISSCC. 2002 IEEE International  
Volume 1, 3-7 Feb. 2002 Page(s):352 - 473 vol.1  
IEEE CNF